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Available
NEWS 3 Mar 31 Free Connect Hour in KKF in April 1998
NEWS 4 Apr 10 Derwent World Patents Index (DWPI) Coverage Expanded
to Include Mexico

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:36:41 ON 23 APR 1998

=> file biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'BIOSIS' ENTERED AT 16:36:47 ON 23 APR 1998
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FILE COVERS 1969 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 20 April 1998 (980420/ED)
CAS REGISTRY NUMBERS (R) LAST ADDED: 20 April 1998 (980420/UP)

=> s trehalase inhibitor

1072 TREHALASE
198737 INHIBITOR
L1 27 TREHALASE INHIBITOR

=> s plants

L2 197219 PLANTS

=> s l1 and l2

L3 3 L1 AND L2

=> d l3 1-3

L3 ANSWER 1 OF 3 BIOSIS COPYRIGHT 1998 BIOSIS

AN 97:87802 BIOSIS

DN 99379515

TI Inhibition of trehalase activity enhances trehalose accumulation in transgenic **plants**.

AU Goddijn O J M; Verwoerd T C; Voogd E; Krutwagen R W H H; De Graaf P T H M; Poels J; Van Dun K; Ponstein A S; Damm B; Pen J

CS MOGEN Int., Einsteinweg 97, 2333 CB Leiden, Netherlands

SO Plant Physiology (Rockville) 113 (1). 1997 181-190. ISSN: 0032-0889

LA English

L3 ANSWER 2 OF 3 BIOSIS COPYRIGHT 1998 BIOSIS

AN 96:565500 BIOSIS

DN 99294856

TI Calystegine B-4, a novel **trehalase inhibitor** from *Scopolia japonica*.

AU Asano N; Kato A; Kizu H; Matsui K; Watson A A; Nash R J

CS Fac. Pharmaceutical Sci., Hokuriku Univ., Kanazawa, Japan

SO Carbohydrate Research 293 (2). 1996. 195-204. ISSN: 0008-6215

LA English

L3 ANSWER 3 OF 3 BIOSIS COPYRIGHT 1998 BIOSIS

AN 95:554945 BIOSIS

DN 98569245

TI Effects of validamycin A, a potent **trehalase inhibitor**, and phytohormones on trehalose metabolism in roots and root nodules of soybean and cowpea.

AU Muller J; Boller T; Wiemken A

CS Botanisches Inst., Univ. Basel, Hebelstrasse 1, CH-4056 Basel, Switzerland

SO Planta (Heidelberg) 197 (2). 1995 362-368. ISSN: 0032-0935

LA English

=> s validamycin

L4 104 VALIDAMYCIN

=> s l2 and l4

L5 9 L2 AND L4

=> d l5 1-9

L5 ANSWER 1 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS

AN 97:87802 BIOSIS

DN 99379515

TI Inhibition of trehalase activity enhances trehalose accumulation in transgenic **plants**.

AU Goddijn O J M; Verwoerd T C; Voogd E; Krutwagen R W H H; De Graaf P T H M; Poels J; Van Dun K; Ponstein A S; Damm B; Pen J

CS MOGEN Int., Einsteinweg 97, 2333 CB Leiden, Netherlands

SO Plant Physiology (Rockville) 113 (1). 1997. 101-102
LA English

L5 ANSWER 2 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
AN 96:67270 BIOSIS
DN 98639405
TI Trehalose and trehalase in **plants**: Recent developments.
AU Mueller J; Boller T; Wiemken A
CS Botanisches Inst., Univ. Basel, Hebelstrasse 1, CH-4056 Basel, Switzerland
SO Plant Science (Limerick) 112 (1). 1995. 1-9. ISSN: 0168-9452
LA English

L5 ANSWER 3 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
AN 95:554945 BIOSIS
DN 98569245
TI Effects of **validamycin A**, a potent trehalase inhibitor, and phytohormones on trehalose metabolism in roots and root nodules of soybean and cowpea.
AU Muller J; Boller T; Wiemken A
CS Botanisches Inst., Univ. Basel, Hebelstrasse 1, CH-4056 Basel, Switzerland
SO Planta (Heidelberg) 197 (2). 1995. 362-368. ISSN: 0032-0935
LA English

L5 ANSWER 4 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
AN 90:453438 BIOSIS
DN BA90:104078
TI TREHALASE ACTIVITY IN PLANT TISSUE CULTURES.
AU KENDALL E J; ADAMS R P; KARTHA K K
CS PLANT BIOTECHNOL. INST. NATL. RES. COUNCIL, SASKATOON, S7N 0W9, CAN.
SO PHYTOCHEMISTRY (OXF) 29 (8). 1990. 2525-2528. CODEN: PYTCAS ISSN: 0031-9422
LA English

L5 ANSWER 5 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
AN 89:129035 BIOSIS
DN BA87:63688
TI EVALUATION FOR DURATION OF FUNGICIDAL EFFECT IN RICE SHEATH BLIGHT.
AU KIM C H; KIM C K
CS AGRIC. SCI. INST., RDA, SUWON, KOREA.
SO RES REP RURAL DEV ADM (SUWON) 30 (1 CROP PROT.). 1988. 1-4. CODEN: NSYNEQ
LA English

L5 ANSWER 6 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
AN 82:291286 BIOSIS
DN BA74:63766
TI RHIZOCTONIOSIS RHIZOCTONIA-SOLANI OF POTATO SEED PRODUCING FIELDS IN THE MIDDLE RHODOPE MOUNTAINS BULGARIA AND THE POSSIBILITIES OF ITS CHEMICAL CONTROL.
AU ASENOV R
CS INST. INTROD. PLANT RESOUR., SADOVO, BULG.
SO RASTENIEV'D NAUKI 18 (6). 1981 (RECD. 1982). 135-139. CODEN: RSTNA7 ISSN: 0568-465X
LA Bulgarian

L5 ANSWER 7 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
AN 80:247167 BIOSIS
DN BA70:39663
TI CHEMICAL MODIFICATION OF **VALIDAMYCIN A**.
AU HASEGAWA A; KOBAYASHI T; HIBINO H; KISO M
CS DEP. AGRIC. CHEM., GIFU UNIV., KAKAMIGAHARA, GIFU 504, JPN.
SO AGRIC BIOL CHEM 44 (1). 1980. 143-148. CODEN: ABCHA6 ISSN: 0002-1369
LA English

L5 ANSWER 8 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
AN 80:137162 BIOSIS
DN BA69:12158
TI ANTI FUNGAL CHARACTERISTICS AND BIOASSAY METHODS OF
VALIDAMYCIN AN ANTIBIOTIC EFFECTIVE AGAINST THE SHEATH BLIGHT
OF RICE **PLANTS**.
AU IWASA T
CS TAKEDA CHEM. IND. LTD., OSAKA, JPN.
SO J TAKEDA RES LAB 37 (3-4). 1978 (RECD. 1979). 307-352. CODEN: TAKHAA
ISSN: 0371-5167
LA Japanese

L5 ANSWER 9 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
AN 78:217468 BIOSIS
DN BA66:29965
TI FATE OF **VALIDAMYCIN** A AND ITS METABOLITE VALIDOXYLAMINE A
IN RICE PLANT.
AU INOUE M; TAKABATAKE A; MIYAKE H
SO J TAKEDA RES LAB 36 (3-4). 1977 (RECD 1978) 275-280. CODEN: TAKHAA
ISSN: 0371-5167
LA Japanese

=> s transgenic plants

21992 TRANSGENIC
197219 PLANTS
L6 2569 TRANSGENIC PLANTS
(TRANSGENIC (W) PLANTS)

=> s l1 and l6

L7 1 L1 AND L6

=> sd l7

SD IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s l7

L8 1 L1 AND L6

=> d l8

L8 ANSWER 1 OF 1 BIOSIS COPYRIGHT 1998 BIOSIS
AN 97:87802 BIOSIS
DN 99379515
TI Inhibition of trehalase activity enhances trehalose accumulation in
transgenic plants.
AU Goddijn O J M; Verwoerd T C; Voogd E; Krutwagen R W H H; De Graaf P T
H M; Poels J; Van Dun K; Ponstein A S; Damm B; Pen J
CS MOGEN Int., Einsteinweg 97, 2333 CB Leiden, Netherlands
SO Plant Physiology (Rockville) 113 (1). 1997. 181-190. ISSN: 0032-0889
LA English

=> wpids

WPIDS IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> file wpids

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

20.14

20.29

FILE 'WPIDS' ENTERED AT 16:41:30 ON 23 APR 1998

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FILE LAST UPDATED: 21 APR 1998

<19980421/UP>

>>>UPDATE WEEKS:

MOST RECENT DERWENT WEEK

199816

<199816/DW>

DERWENT WEEK FOR CHEMICAL CODING: 199811

DERWENT WEEK FOR POLYMER INDEXING: 199813

DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> D COST AND SET NOTICE DO NOT REFLECT SUBSCRIBER DISCOUNTS -

SEE HELP COST FOR DETAILS <<<

>>> MEXICO NOW COVERED - SEE NEWS <<<

=> s trehalase inhibitor

27 TREHALASE

26642 INHIBITOR

L9

7 TREHALASE INHIBITOR

(TREHALASE (W) INHIBITOR)

=> s plants

L10

52186 PLANTS

=> s l9 and l10

L11

3 L9 AND L10

=> d l11 1-3

L11 ANSWER 1 OF 3 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD

AN 97-415688 [39] WPIDS

DNN N97-346442 DNC C97-133138

TI Trehalose production in **plants** in presence of

trehalase inhibitor - useful for increasing

drought tolerance of transgenic **plants** or for preservation

of e.g. foods.

DC C02 C06 D16 P13

IN GODDIJN, O J M; KRUTWAGEN, R W H; VERWOERD, T C; VOOGD, E;

KRUTWAGEN, R W H H

PA (MOGE-N) MOGEN INT NV

CYC 2

PI AU 9710085 A 970717 (9739)* 71 pp A01H003-04

CA 2194816 A 970713 (9748) C12N015-52

ADT AU 9710085 A AU 97-10085 970109; CA 2194816 A CA 97-2194816 970110

PRAI PY 96-9 960112

IC ICM A01H003-04; C12N015-52

ICS A01H005-00; A01H005-06; C12N005-10; C12N005-14; C12N015-29;

C12N015-82; C12P019-12

L11 ANSWER 2 OF 3 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD

AN 97-352873 [33] WPIDS

DNN N97-292349 DNC C97-114147

TI Enhanced trehalose production in trehalase-expressing plant cells -

by culturing the cells in the presence of a **trehalase**

inhibitor, useful in improving quality of crops and

providing trehalose for industry.

DC C06 D13 D16 D17 P13
IN GODDIJN, O J M; KRUTWAGEN, R W H H; VERWOERD, T C; VOOGD, E
PA (MOGE-N) MOGEN INT NV
CYC 18
PI EP 784095 A2 970716 (9733)* EN 50 pp C12N015-82
R: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
ADT EP 784095 A2 EP 97-200022 970106
PRAI PY 96-996 960112
IC ICM C12N015-82
ICS A01H005-00; A23L003-3562; C12N005-04; C12N015-12; C12N015-54;
C12N015-56; C12P019-12

L11 ANSWER 3 OF 3 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD

AN 96-334005 [33] WPIDS

DNN N96-281435 DNC C96-105551

TI Increasing trehalose prodn. in **plants** by growing in
presence of **trehalase inhibitor** - and chimeric
gene expressible in **plants** encoding trehalose phosphate
synthase.

DC B03 B07 C06 D13 D16 D17 P13

IN GODDIJN, O J M; KRUTWAGEN, R W H H; VERWOERD, T C; VOOGD, E;
KRUTWAGEN, R W H H

PA (MOGE-N) MOGEN INT NV

CYC 68

PI WO 9621030 A1 960711 (9633)* EN 58 pp C12N015-82
RW: AT BE CH DE DK ES FR GB GR IE IT KE LS LU MC MW NL OA PT SD
SE SZ UG
W: AM AU BB BG BR BY CA CN CZ EE FI GE HU IS JP KE KG KP KR KZ
LK LR LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TJ
TM TR TT UA UG US UZ VN

ZA 9600037 A 960925 (9643) 52 pp C12N000-00

AU 9644376 A 960724 (9644) C12N015-82

ADT WO 9621030 A1 WO 96-EP80 960103; ZA 9600037 A ZA 96-37 960103; AU
9644376 A AU 96-44376 960103

FDT AU 9644376 A Based on WO 9621030

PRAI EP 95-202415 950907; EP 95-200008 950104

IC ICM C12N000-00; C12N015-82

ICS A01H005-00; A23L003-3562; C12N005-04; C12N015-12; C12N015-54;
C12N015-56; C12P019-12

=> log off

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y

STN INTERNATIONAL LOGOFF AT 16:43:28 ON 23 APR 1998

Trying 9351006...Open

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LOGINID:sssptal803oxz
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 2 Mar 24 STN Express 4.1 with Discover! for Windows Now
Available
NEWS 3 Mar 31 Free Connect Hour in KKF in April 1998
NEWS 4 Apr 10 Derwent World Patents Index (DWPI) Coverage Expanded
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NEWS EXPRESS Discover! is Year 2000 Compliant
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:36:41 ON 23 APR 1998

=> file biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'BIOSIS' ENTERED AT 16:36:47 ON 23 APR 1998
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FILE COVERS 1969 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 20 April 1998 (980420/ED)
CAS REGISTRY NUMBERS (R) LAST ADDED: 20 April 1998 (980420/UP)

=> s trehalase inhibitor

1072 TREHALASE
198737 INHIBITOR
L1 27 TREHALASE INHIBITOR

=> s plants

L2 197219 PLANTS

=> s l1 and l2

L3 3 L1 AND L2

=> d l3 1-3

L3 ANSWER 1 OF 3 BIOSIS COPYRIGHT 1998 BIOSIS

AN 97:87802 BIOSIS

DN 99379515

TI Inhibition of trehalase activity enhances trehalose accumulation in transgenic **plants**.

AU Goddijn O J M; Verwoerd T C; Voogd E; Krutwagen R W H H; De Graaf P T H M; Poels J; Van Dun K; Ponstein A S; Damm B; Pen J

CS MOGEN Int., Einsteinweg 97, 2333 CB Leiden, Netherlands

SO Plant Physiology (Rockville) 113 (1). 1997. 181-190. ISSN: 0032-0889

LA English

L3 ANSWER 2 OF 3 BIOSIS COPYRIGHT 1998 BIOSIS

AN 96:565500 BIOSIS

DN 99294856

TI Calystegine B-4, a novel **trehalase inhibitor** from Scopolia japonica.

AU Asano N; Kato A; Kizu H; Matsui K; Watson A A; Nash R J

CS Fac. Pharmaceutical Sci., Hokuriku Univ., Kanazawa, Japan

SO Carbohydrate Research 293 (2). 1996. 195-204. ISSN: 0008-6215

LA English

L3 ANSWER 3 OF 3 BIOSIS COPYRIGHT 1998 BIOSIS

AN 95:554945 BIOSIS

DN 98569245

TI Effects of validamycin A, a potent **trehalase inhibitor**, and phytohormones on trehalose metabolism in roots and root nodules of soybean and cowpea.

AU Muller J; Boller T; Wiemken A

CS Botanisches Inst., Univ. Basel, Hebelstrasse 1, CH-4056 Basel, Switzerland

SO Planta (Heidelberg) 197 (2). 1995. 362-368. ISSN: 0032-0935

LA English

=> s validamycin

L4 104 VALIDAMYCIN

=> s l2 and l4

L5 9 L2 AND L4

=> d l5 1-9

L5 ANSWER 1 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS

AN 97:87802 BIOSIS

DN 99379515

TI Inhibition of trehalase activity enhances trehalose accumulation in transgenic **plants**.

AU Goddijn O J M; Verwoerd T C; Voogd E; Krutwagen R W H H; De Graaf P T H M; Poels J; Van Dun K; Ponstein A S; Damm B; Pen J

CS MOGEN Int., Einsteinweg 97, 2333 CB Leiden, Netherlands

NO
good data.

SO Plant Physiology (Rockville) 113 (1). 1997. 181-190. ISSN: 0032-0889
 LA English

L5 ANSWER 2 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
 AN 96:67270 BIOSIS
 DN 98639405
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 AU Mueller J; Bollner T; Wiemken A
 CS Botanisches Inst., Univ. Basel, Hebelstrasse 1, CH-4056 Basel, Switzerland
 SO Plant Science (Limerick) 112 (1). 1995. 1-9. ISSN: 0168-9452
 LA English

L5 ANSWER 3 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
 AN 95:554945 BIOSIS
 DN 98569245
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 SO Planta (Heidelberg) 197 (2). 1995. 362-368. ISSN: 0032-0935
 LA English

L5 ANSWER 4 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
 AN 90:453438 BIOSIS
 DN BA90:104078
 TI TREHALASE ACTIVITY IN PLANT TISSUE CULTURES.
 AU KENDALL E J; ADAMS R P; KARTHA K K
 CS PLANT BIOTECHNOL. INST. NATL. RES. COUNCIL, SASKATOON, S7N 0W9, CAN.
 SO PHYTOCHEMISTRY (OXF) 29 (8). 1990. 2525-2528. CODEN: PYTCAS ISSN: 0031-9422
 LA English

L5 ANSWER 5 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
 AN 89:129035 BIOSIS
 DN BA87:63688
 TI EVALUATION FOR DURATION OF FUNGICIDAL EFFECT IN RICE SHEATH BLIGHT.
 AU KIM C H; KIM C K
 CS AGRIC. SCI. INST., RDA, SUWON, KOREA.
 SO RES REP RURAL DEV ADM (SUWEON) 30 (1 CROP PROT.). 1988. 1-4. CODEN: NSYNEQ
 LA English

L5 ANSWER 6 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
 AN 82:291286 BIOSIS
 DN BA74:63766
 TI RHIZOCTONIOSIS RHIZOCTONIA-SOLANI OF POTATO SEED PRODUCING FIELDS IN THE MIDDLE RHODOPE MOUNTAINS BULGARIA AND THE POSSIBILITIES OF ITS CHEMICAL CONTROL.
 AU ASENOV R
 CS INST. INTROD. PLANT RESOUR., SADOVO, BULG.
 SO RASTENIEV'D NAUKI 18 (6). 1981 (RECD. 1982). 135-139. CODEN: RSTNA7
 ISSN: 0568-465X
 LA Bulgarian

L5 ANSWER 7 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
 AN 80:247167 BIOSIS
 DN BA70:39663
 TI CHEMICAL MODIFICATION OF **VALIDAMYCIN** A.
 AU HASEGAWA A; KOBAYASHI T; HIBINO H; KISO M
 CS DEP. AGRIC. CHEM., GIFU UNIV., KAKAMIGAHARA, GIFU 504, JPN.
 SO AGRIC BIOL CHEM 44 (1). 1980. 143-148. CODEN: ABCHA6 ISSN: 0002-1369
 LA English

L5 ANSWER 8 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
AN 80:137162 BIOSIS
DN BA69:12158
TI ANTI FUNGAL CHARACTERISTICS AND BIOASSAY METHODS OF
VALIDAMYCIN AN ANTIBIOTIC EFFECTIVE AGAINST THE SHEATH BLIGHT
OF RICE **PLANTS**.
AU IWASA T
CS TAKEDA CHEM. IND. LTD., OSAKA, JPN.
SO J TAKEDA RES LAB 37 (3-4). 1978 (RECD. 1979). 307-352. CODEN: TAKHAA
ISSN: 0371-5167
LA Japanese

L5 ANSWER 9 OF 9 BIOSIS COPYRIGHT 1998 BIOSIS
AN 78:217468 BIOSIS
DN BA66:29965
TI FATE OF **VALIDAMYCIN** A AND ITS METABOLITE VALIDOXYLAMINE A
IN RICE PLANT.
AU INOUE M; TAKABATAKE A; MIYAKE H
SO J TAKEDA RES LAB 36 (3-4). 1977 (RECD 1978) 275-280. CODEN: TAKHAA
ISSN: 0371-5167
LA Japanese

=> s transgenic plants

21992 TRANSGENIC
197219 PLANTS
L6 2569 TRANSGENIC PLANTS
(TRANSGENIC(W) PLANTS)

=> s l1 and l6

L7 1 L1 AND L6

=> sd 17

SD IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s 17

L8 1 L1 AND L6

=> d 18

L8 ANSWER 1 OF 1 BIOSIS COPYRIGHT 1998 BIOSIS
AN 97:87802 BIOSIS
DN 99379515
TI Inhibition of trehalase activity enhances trehalose accumulation in
transgenic plants.
AU Goddijn O J M; Verwoerd T C; Voogd E; Krutwagen R W H H; De Graaf P T
H M; Poels J; Van Dun K; Ponstein A S; Damm B; Pen J
CS MOGEN Int., Einsteinweg 97, 2333 CB Leiden, Netherlands
SO Plant Physiology (Rockville) 113 (1). 1997. 181-190. ISSN: 0032-0889
LA English

=> wpids

WPIDS IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> file wpids

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

20.14

20.29

FILE 'WPIDS' ENTERED AT 16:41:30 ON 23 APR 1998

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FILE LAST UPDATED: 21 APR 1998

<19980421/UP>

>>>UPDATE WEEKS:

MOST RECENT DERWENT WEEK 199816 <199816/DW>

DERWENT WEEK FOR CHEMICAL CODING: 199811

DERWENT WEEK FOR POLYMER INDEXING: 199813

DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> D COST AND SET NOTICE DO NOT REFLECT SUBSCRIBER DISCOUNTS -

SEE HELP COST FOR DETAILS <<<

>>> MEXICO NOW COVERED - SEE NEWS <<<

=> s trehalase inhibitor

27 TREHALASE

26642 INHIBITOR

L9 7 TREHALASE INHIBITOR

(TREHALASE (W) INHIBITOR)

=> s plants

L10 52186 PLANTS

=> s l9 and l10

L11 3 L9 AND L10

=> d l11 1-3

L11 ANSWER 1 OF 3 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD

AN 97-415688 [39] WPIDS

DNN N97-346442 DNC C97-133138

TI Trehalose production in **plants** in presence of
trehalase inhibitor - useful for increasing
drought tolerance of transgenic **plants** or for preservation
of e.g. foods.

DC C02 C06 D16 P13

IN GODDIJN, O J M; KRUTWAGEN, R W H; VERWOERD, T C; VOOGD, E;
KRUTWAGEN, R W H H

PA (MOGE-N) MOGEN INT NV

CYC 2

PI AU 9710085 A (970717) (9739)* 71 pp A01H003-04

CA 2194816 A 970713 (9748) C12N015-52

ADT AU 9710085 A AU 97-10085 970109; CA 2194816 A CA 97-2194816 970110

PRAI PY 96-9 960112

IC ICM A01H003-04; C12N015-52

ICS A01H005-00; A01H005-06; C12N005-10; C12N005-14; C12N015-29;
C12N015-82; C12P019-12

L11 ANSWER 2 OF 3 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD

AN 97-352873 [33] WPIDS

DNN N97-292349 DNC C97-114147

TI Enhanced trehalose production in trehalase-expressing plant cells -
by culturing the cells in the presence of a **trehalase**
inhibitor, useful in improving quality of crops and
providing trehalose for industry.

DC C08 D13 D16 D17 P13
IN GODDIJN, O J M; KRUTWAGEN, R W H H; VERWOERD, T C; VOOGD, E
PA (MOGE-N) MOGEN INT NV
CYC 18
PI EP 784095 A2 970716 (9733)* EN 50 pp C12N015-82
R: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
ADT EP 784095 A2 EP 97-200022 970106
PRAI PY 96-996 960112
IC ICM C12N015-82
ICS A01H005-00; A23L003-3562; C12N005-04; C12N015-12; C12N015-54;
C12N015-56; C12P019-12

L11 ANSWER 3 OF 3 WPIDS COPYRIGHT 1998 DERWENT INFORMATION LTD

AN 96-334005 [33] WPIDS

DNN N96-281435 DNC C96-105551

TI Increasing trehalose prodn. in **plants** by growing in
presence of **trehalase inhibitor** - and chimeric
gene expressible in **plants** encoding trehalose phosphate
synthase.

DC B03 B07 C06 D13 D16 D17 P13

IN GODDIJN, O J M; KRUTWAGEN, R W H; VERWOERD, T C; VOOGD, E;
KRUTWAGEN, R W H H

PA (MOGE-N) MOGEN INT NV

CYC 68

PI WO 9621030 A1 960711 (9633)* EN 58 pp C12N015-82
RW: AT BE CH DE DK ES FR GB GR IE IT KE LS LU MC MW NL OA PT SD
SE SZ UG
W: AM AU BB BG BR BY CA CN CZ EE FI GE HU IS JP KE KG KP KR KZ
LK LR LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TJ
TM TR TT UA UG US UZ VN

ZA 9600037 A 960925 (9643) 52 pp C12N000-00

AU 9644376 A 960724 (9644) C12N015-82

ADT WO 9621030 A1 WO 96-EP80 960103; ZA 9600037 A ZA 96-37 960103; AU
9644376 A AU 96-44376 960103

FDT AU 9644376 A Based on WO 9621030

PRAI EP 95-202415 950907; EP 95-200008 950104

IC ICM C12N000-00; C12N015-82

ICS A01H005-00; A23L003-3562; C12N005-04; C12N015-12; C12N015-54;
C12N015-56; C12P019-12

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